

## CLAIMS

1. A grease composition for auxiliary machinery of automobile electrical component, which is characterized by containing a base oil containing an aromatic ester oil in an amount of 30 % by mass or more based on the whole amount of the base oil and a diurea compound, as a thickener, represented by the following general formula in an amount of from 5 to 35 % by mass based on the whole amount of the grease composition:



(wherein R9 represents an aromatic hydrocarbon group having from 6 to 15 carbon atoms; and R8 and R10, which may be the same or different, each represents an aliphatic hydrocarbon group, an alicyclic hydrocarbon group, or a fused ring).

2. The grease composition for auxiliary machinery of automobile electrical component according to claim 1, which is characterized in that the aromatic ester oil is a trimellitic ester oil or a pyromellitic ester oil.

3. The grease composition for auxiliary machinery of automobile electrical component according to claim 2, which is characterized in that in the trimellitic ester oil and the pyromellitic ester oil, a hydrocarbon group to

be derived is a hydrocarbon group having from 6 to 10 carbon atoms.

4. The grease composition for auxiliary machinery of automobile electrical component according to any one of claims 1 to 3, which is characterized by containing at least one member of carbon black and carbon nano tube as a conductive powder.

5. The grease composition for auxiliary machinery of automobile electrical component according to any one of claims 1 to 4, which is characterized by containing two or more members selected from rust preventives made of a carboxylic acid or a carboxylate, ester based rust preventives, and amine based rust preventives in an amount of from 0.2 to 10 % by mass in total and from 0.1 to 9.9 % by mass singly based on the whole amount of the grease composition.

6. A rolling bearing, which is characterized by casing freely rolling plural rolling elements by a cage between an inner race and an outer race and packing the grease composition for auxiliary machinery of automobile electrical component according to any one of claims 1 to 5 therein.

7. The rolling bearing according to claim 6, which is characterized by containing a contact type rubber seal.